

FEB-02-2007 16:05 FROM INTEL LEGAL

TO 915712732885

P.05/08



REPLACEMENT GATE PROCESS FOR MAKING A SEMICONDUCTOR DEVICE THAT INCLUDES A METAL GATE ELECTRODE

Inventor: Uday Shah, Filing Date: March 24, 2004  
Application No.: 10/809,855, Attorney Docket No.: 42P18612

1/4

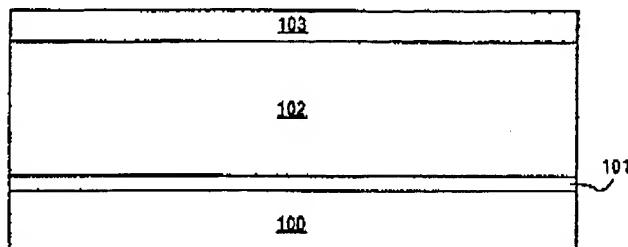


FIG. 1A

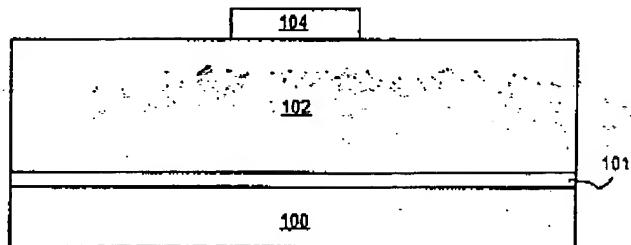


FIG. 1B

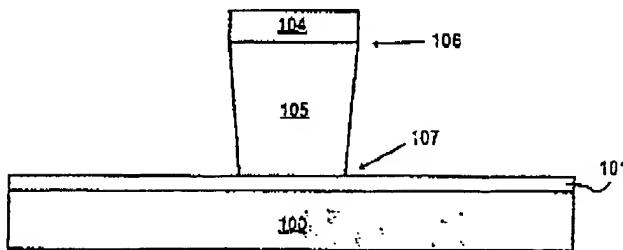


FIG. 1C

## REPLACEMENT GATE PROCESS FOR MAKING A SEMICONDUCTOR DEVICE THAT INCLUDES A METAL GATE ELECTRODE

Inventor: Uday Shah, Filing Date: March 24, 2004  
Application No.: 10/809,853, Attorney Docket No.: 42Pi8612

2/4

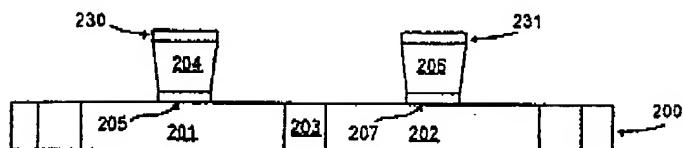


FIG. 2A

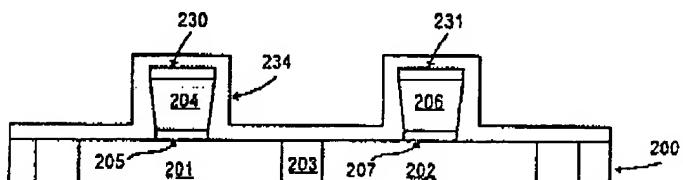


FIG. 2B

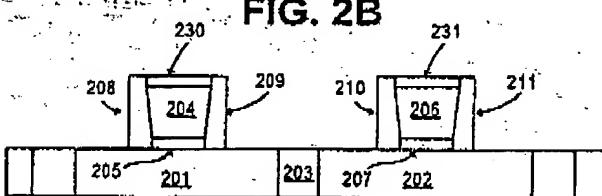


FIG. 2C

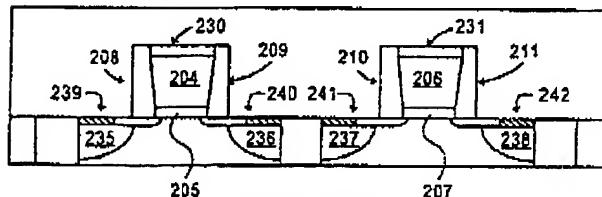
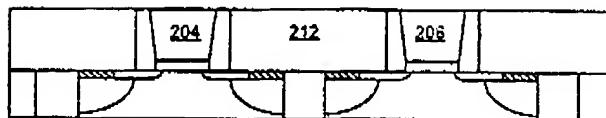
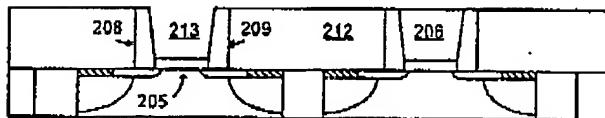
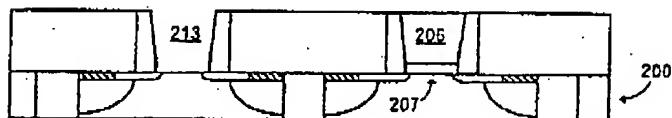
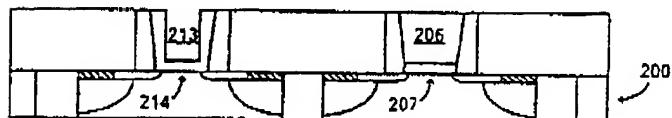


FIG. 2D

**REPLACEMENT GATE PROCESS FOR MAKING A SEMICONDUCTOR DEVICE THAT INCLUDES A METAL GATE ELECTRODE**

Inventor: Uday Shah, Filing Date: March 24, 2004  
Application No.: 10/809,853, Attorney Docket No.: 42P18612

**3/4****FIG. 2E****FIG. 2F****FIG. 2G****FIG. 2H**

## REPLACEMENT GATE PROCESS FOR MAKING A SEMICONDUCTOR DEVICE THAT INCLUDES A METAL GATE ELECTRODE

Inventor: Uday Shah, Filing Date: March 24, 2004  
Application No.: 10/809,853, Attorney Docket No.: 42P18612

4/4

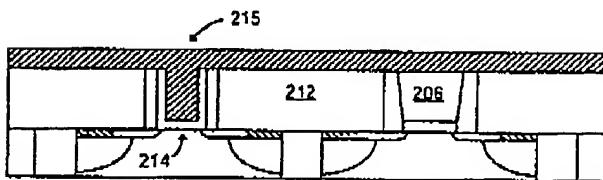


FIG. 2I

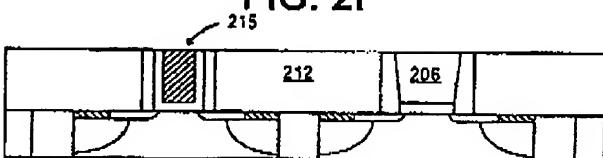


FIG. 2J

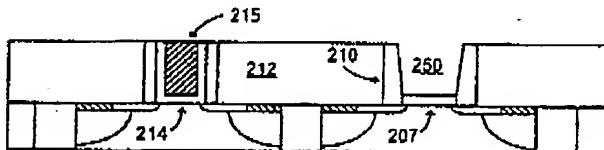


FIG. 2K

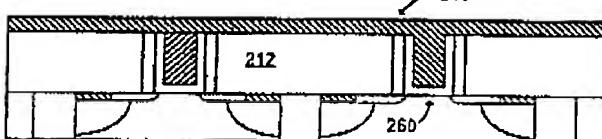


FIG. 2L

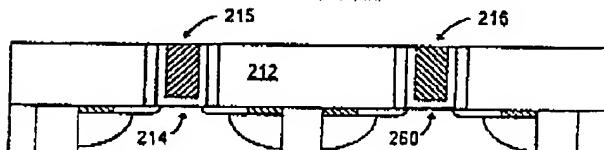


FIG. 2M